

FIG. 1

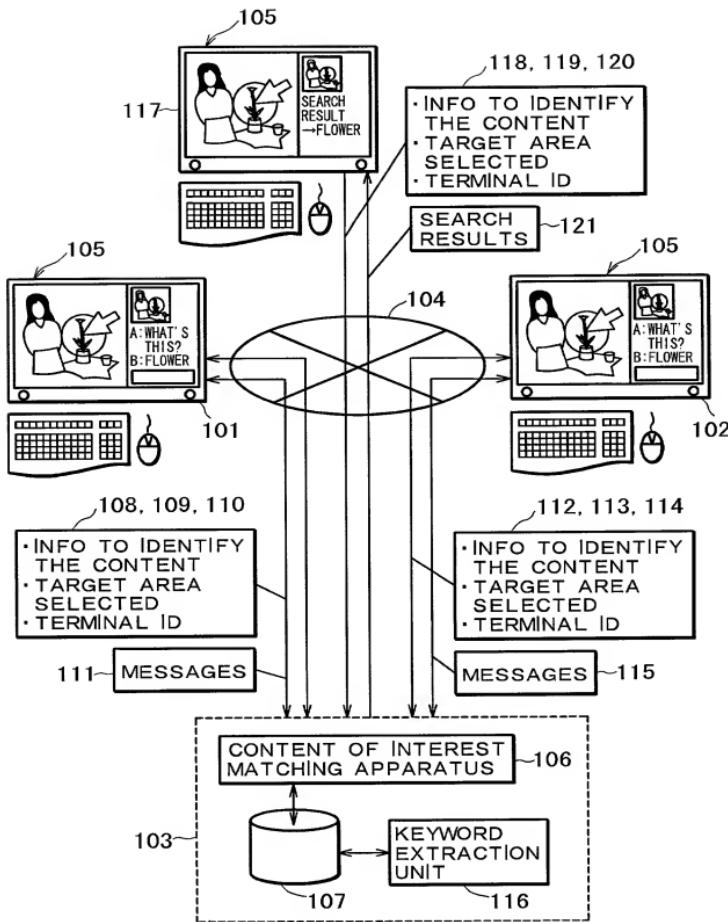


FIG. 2

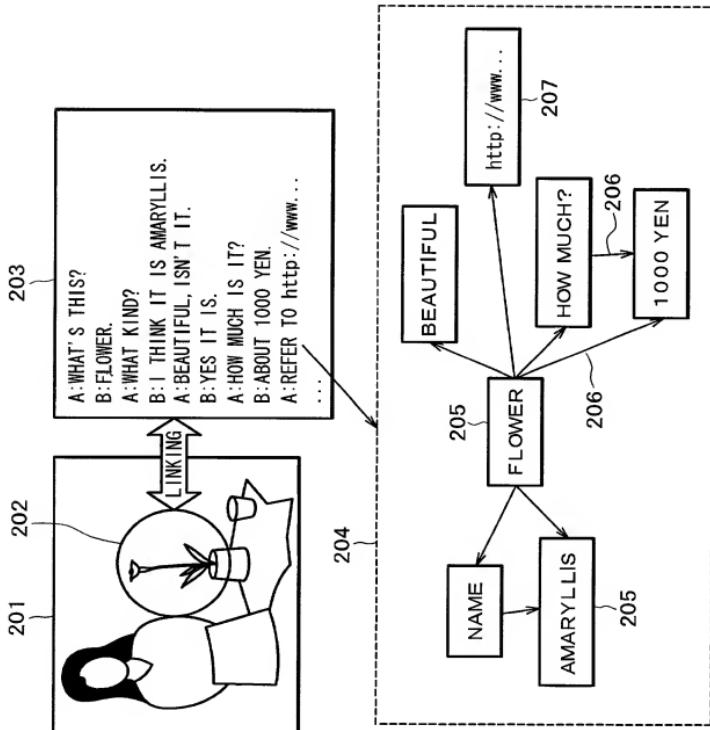


FIG. 3

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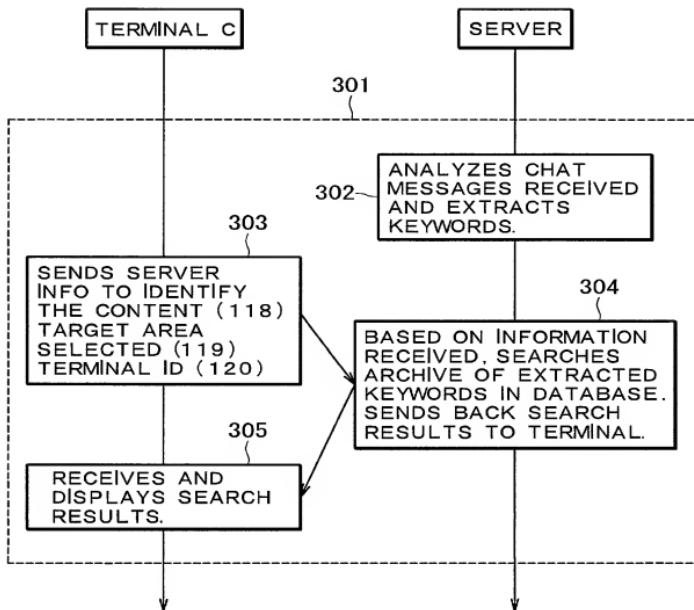


FIG. 4

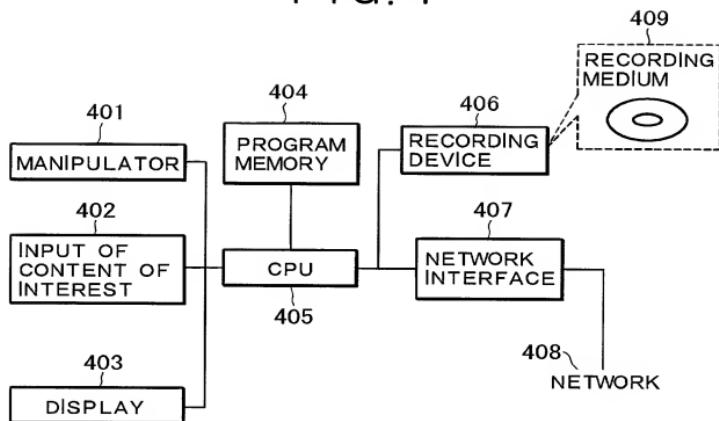


FIG. 5

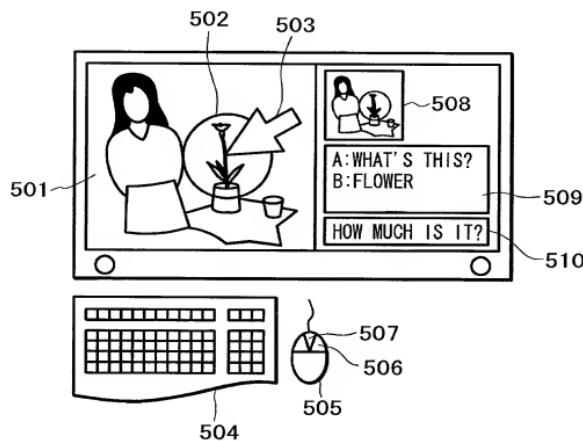
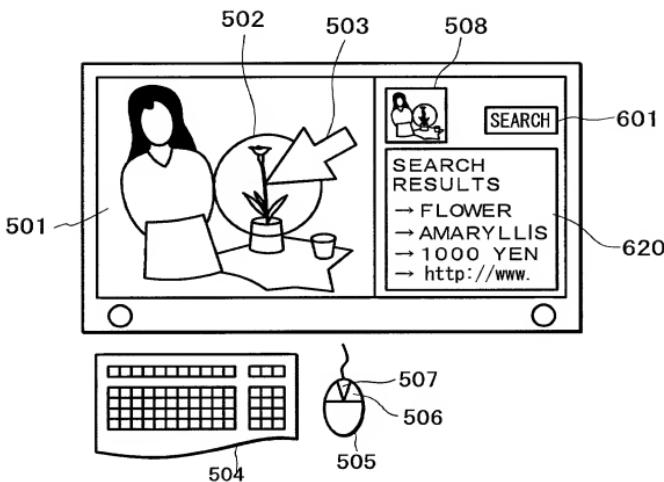
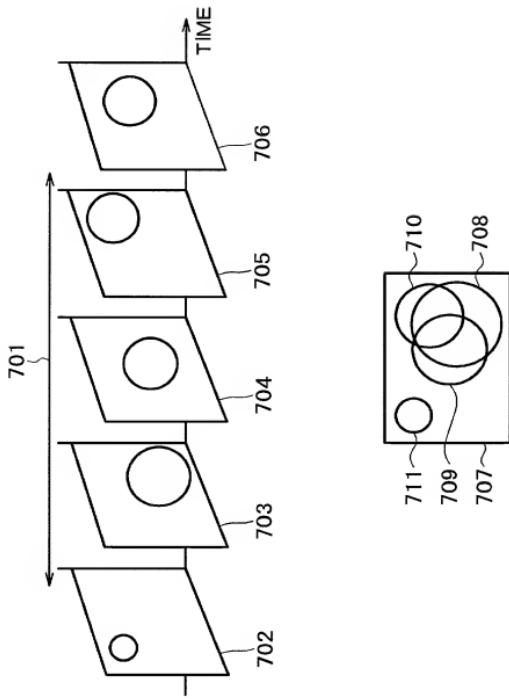


FIG. 6



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FIG. 7



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FIG. 8

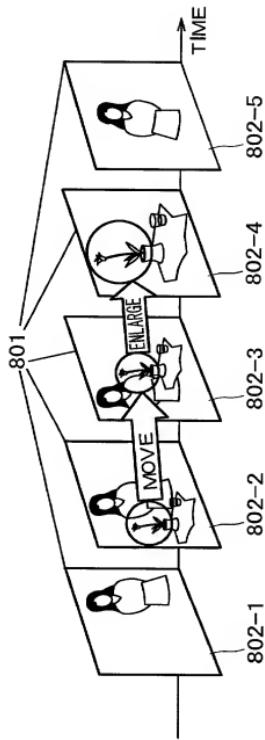


FIG. 9

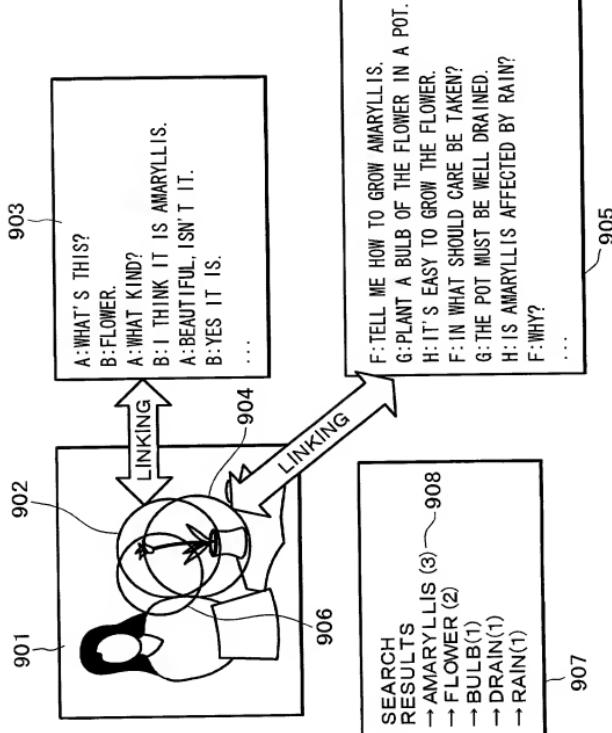


FIG. 10

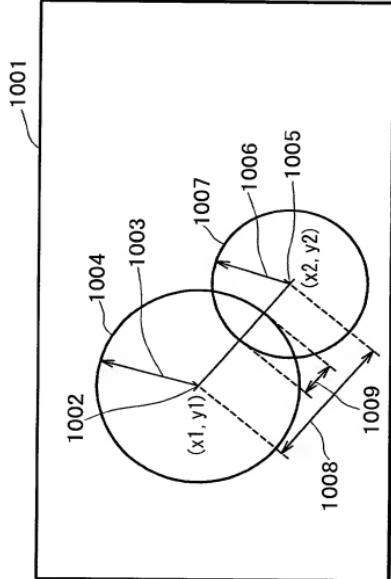
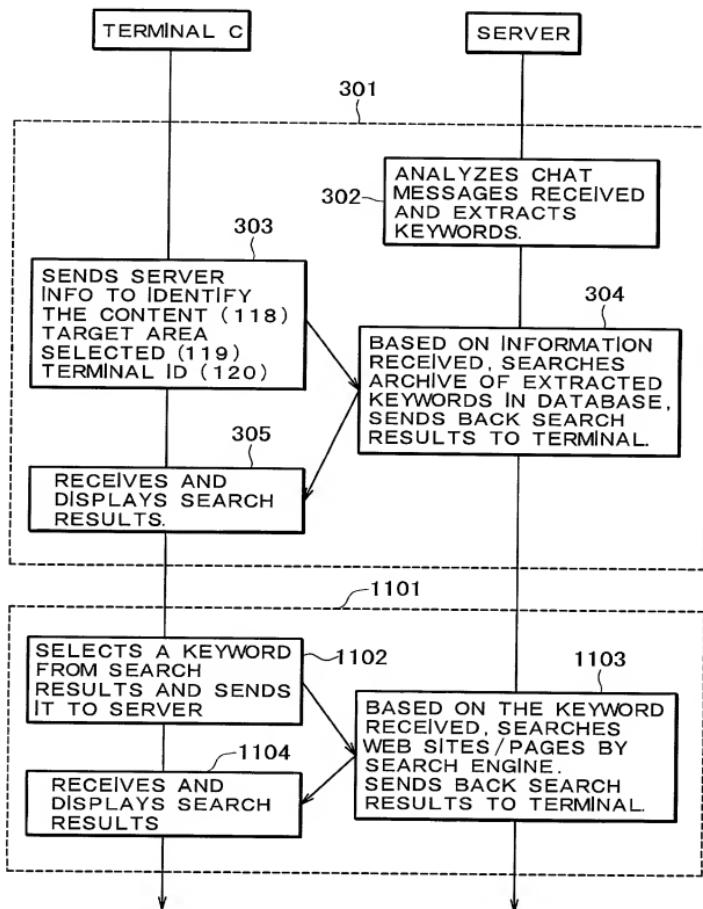
EXAMPLE OF CALCULATING MATCHING DEGREE H (1010)WHEN $0 \leq D \leq \max(r_1, r_2) - \min(r_1, r_2)$ $H = d/(r_1+r_2) = 2 \times \min(r_1, r_2)/(r_1+r_2)$ WHEN $\max(r_1, r_2) - \min(r_1, r_2) \leq D \leq r_1+r_2$ $H = d/(r_1+r_2) = (r_1+r_2-D)/(r_1+r_2)$ WHEN $r_1+r_2 \leq D$ $H = d/(r_1+r_2) = 0$ WHERE $\max(a, b)$ IS THE VALUE OF a OR b WHICH IS GREATER AND $\min(a, b)$ IS THE VALUE OF a OR b WHICH IS SMALLER.

FIG. 11



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FIG. 12A

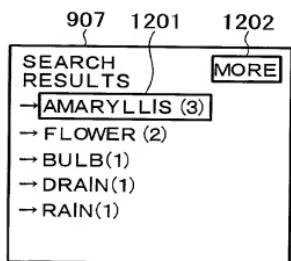


FIG. 12B

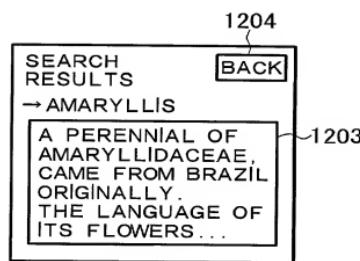


FIG. 13

